

AMENDMENTS TO THE ABSTRACT

Please substitute the following paragraph(s) for the abstract now appearing in the currently filed specification:

An apparatus includes an edge width detection circuit (1) which detects an edge portion of image data (D1) and outputs an edge width (W) of the detected edge portion, a ratio control amount generation circuit (2) which generates a ratio control amount (ZC) in accordance with the edge width (W), a ratio generation circuit (3) which generates a conversion ratio (Z) in accordance with the ratio control amount (ZC), and a pixel number conversion circuit (4) which performs a conversion of pixel number of the image data (D1) using the conversion ratio (Z), thereby enhancing sharpness of the edge portion in proper quantities.